



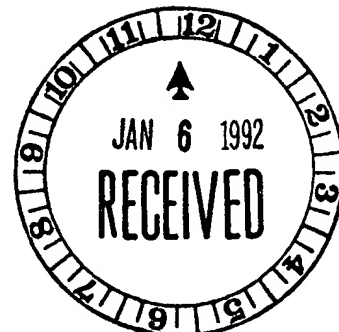
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

10/B  
B. White  
1-23-92

In re Application of Keith )  
Serial Number: 07/542,149 ) Art Unit: 1814  
Filed: June 22, 1990 ) Examiner: C. Low

For: PERTUSSIS TOXIN GENE: CLONING AND EXPRESSION

RESPONSE TO OFFICE ACTION



Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Applicant hereby responds to the Non-final Office Action mailed June 19, 1991. A petition to extend the period for response three months to December 19, 1991, authorization to debit the account of the assignee, a Declaration under 37 CFR 1.131, and an Information Disclosure Statement are presented herewith.

Please amend the application as follows:

In the specification:

On page 2, line 10, after "Thus", insert --,--;  
page 2, line 23, change "aminoacid" to --amino acid--;  
page 21, line 5, change "Messing" to --Messing--;  
page 25, line 5, change "pertussin" to --pertussis--;  
page 32, line 2, change "B. pertussis" to --B. pertussis--;  
page 39, line 7, change "acitvity" to --activity--;  
page 40, line 14, change "pretussis" to --pertussis--;  
page 40. line 25, change "stimulte" to --stimulate--; and